

Title (en)  
SPLICING METHOD AND APPARATUS

Title (de)  
SPLEISSVERFAHREN UND -VORRICHTUNG

Title (fr)  
PROCÉDÉ ET APPAREIL D'ÉPISSAGE

Publication  
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Application  
**EP 22200391 A 20201109**

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Abstract (en)  
A method of manufacturing an armour layer of a flexible pipe for transporting fluid from a subsea location and apparatus are provided. The method comprises winding a first length of composite tape to form a first section of the armour layer and positioning an end region of the first length of composite tape over an end region of a second length of composite tape to form an overlapping tape section. Heat and pressure is applied to the overlapping tape section to form a joined overlapping tape section in which the first length of tape is joined to the second length of tape such that the joined overlapping tape section has a lap shear strength of at least 11 MPa. The joined overlapping tape section and the second length of composite tape are wound to form a second section of the armour layer.

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Citation (applicant)  
WO 2018060718 A2 20180405 - GE OIL & GAS UK LTD [GB]

Citation (search report)  
• [X1] WO 9008027 A1 19900726 - COURTAULDS PLC [GB]  
• [X1] EP 2796272 A1 20141029 - TOYOTA MOTOR CO LTD [JP]  
• [X1] US 2019134920 A1 20190509 - IWANO YOSHIHIRO [JP]

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